

Xurong Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1575503/publications.pdf>

Version: 2024-02-01

48
papers

914
citations

623734

14
h-index

477307

29
g-index

48
all docs

48
docs citations

48
times ranked

651
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-ion collider in China. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	208
2	A determination of the flavor asymmetric sea quarks in the proton. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	151
3	Selected Science Opportunities for the EicC. <i>Few-Body Systems</i> , 2020, 61, 1.	1.5	56
4	Calibration strategy of the JUNO experiment. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	39
5	The origin of proton mass from J/ψ photo-production data. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	37
6	Testing violation of the Leggett-Carg-type inequality in neutrino oscillations of the Daya Bay experiment. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	26
7	Photoproduction of hidden-charm states in the reaction near threshold. <i>Chinese Physics C</i> , 2016, 40, 124104.	3.7	24
8	Global study of nuclear modifications on parton distribution functions. <i>Nuclear Physics B</i> , 2017, 920, 1-19.	2.5	23
9	Discovery potential for the LHCb fully charm tetraquark X_c . <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	22
10	A novel travel-time based similarity measure for hierarchical clustering. <i>Neurocomputing</i> , 2016, 173, 3-8.	5.9	21
11	Extraction of the proton mass radius from the vector meson photoproductions near thresholds. <i>Physical Review D</i> , 2021, 103, .	4.7	21
12	The coherent cross section of vector mesons in ultraperipheral PbPb collisions at the LHC. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	20
13	An analysis of parton distribution functions of the pion and the kaon with the maximum entropy input. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	19
14	A Plan for Electron Ion Collider in China. , 2018, , .		18
15	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	15
16	Pion valence quark distributions from maximum entropy method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135066.	4.1	14
17	Near-threshold photoproduction of J/ψ in two-gluon exchange model. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	14
18	Radioactivity control strategy for the JUNO detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	13

#	ARTICLE	IF	CITATIONS
19	Applications of a nonlinear evolution equation I: The parton distributions in the proton. International Journal of Modern Physics E, 2014, 23, 1450057.	1.0	12
20	Incoherent vector mesons production in PbPb ultraperipheral collisions at the LHC. Nuclear Physics A, 2017, 959, 56-65.	1.5	12
21	Systematic study of the production of hidden bottom pentaquarks via $\gamma^* \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b}$ and $\gamma^* \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b}$ scatterings. Physical Review D, 2020, 101, .	4.7	12
22	Valence quark distributions of the proton from maximum entropy approach. Physical Review D, 2015, 91, .	4.7	11
23	Estimation of $\Upsilon(1S)$ production in ep process near threshold. European Physical Journal C, 2020, 80, 1.	3.9	11
24	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11
25	Y-stringlike behavior of a static baryon at finite temperature. Physical Review D, 2015, 91, .	4.7	10
26	Exclusive photoproduction of vector mesons in proton-lead ultraperipheral collisions at the LHC. Nuclear Physics A, 2018, 970, 316-324.	1.5	9
27	Production of hidden-charm and hidden-bottom pentaquark states in electron-proton collisions *. Chinese Physics C, 2021, 45, 043105.	3.7	9
28	Nuclear force and the EMC effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 267-271.	4.1	7
29	Analytical solution of Balitsky-Kovchegov equation with homogeneous balance method. Physical Review D, 2021, 103, .	4.7	7
30	Proton and deuteron mass radii from near-threshold $\gamma^* \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b}$ -meson photoproduction. Physical Review D, 2021, 104, .	4.7	7
31	Systematic study of the production of hidden bottom pentaquarks via $\gamma^* \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b}$ and $\gamma^* \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b} \rightarrow \bar{b}$ scatterings. Physical Review D, 2020, 101, .		

#	ARTICLE	IF	CITATIONS
37	Ground state pseudoscalar mesons on the light front: From the light to heavy sector. Physical Review D, 2021, 104, .	4.7	5
38	J/ψ production in PbPb ultraperipheral collisions at $\sqrt{s_{NN}}=2.76$ TeV. Nuclear Physics A, 2017, 957, 477-490.	1.5	4
39	Photoproduction of vector mesons in proton-proton ultraperipheral collisions at the CERN Large Hadron Collider. International Journal of Modern Physics A, 2018, 33, 1850086.	1.5	4
40	The Current Status of Electron Ion Collider in China. Few-Body Systems, 2022, 63, .	1.5	4
41	Sudakov factor in deep inelastic scattering of a current off a large nucleus. Physical Review D, 2014, 89, .	4.7	3
42	Meson production in two-photon interaction in pp and pA ultraperipheral collisions at the LHC and FCC. International Journal of Modern Physics E, 2018, 27, 1850075.	1.0	1
43	Gottfried sum rule from maximum entropy method quark distributions with DGLAP evolution and with DGLAP evolution with GLR-MQ-ZRS corrections. Chinese Physics C, 2018, 42, 103103.	3.7	1
44	Production of bottomonium-like Z_{b} states in e-h and ultraperipheral h-h collisions *. Chinese Physics C, 2021, 45, 054102.	3.7	1
45	The neutron and proton mass radii from the vector meson photoproduction data on the deuterium target. European Physical Journal A, 2022, 58, .	2.5	1
46	Coherent photoproduction of J/ψ and ψ' mesons in pp and PbPb ultraperipheral collisions from dynamical gluon distributions. Chinese Physics C, 2017, 41, 114105.	3.7	0
47	Exclusive J/ψ photoproduction in a diffractive process using the AdS/QCD holographic wave function in BLFQ. International Journal of Modern Physics A, 2018, 33, 1850034.	1.5	0
48	A sterile neutrino search at compact materials irradiation facility. European Physical Journal C, 2020, 80, 1.	3.9	0